

# Work Order ID 53980

November 24, 2009 2:44:30 PM



Page 1

Item ID: D4011-5

Accept



Setup Start



Revision ID:

Item Name: Clamp, Short

Stop



Start Date: 11/25/2009 Start Qty: 80.00



Cust Item ID:

Required Date: 12/21/2009 Req'd Qty: 80.00



Customer:

Reference:

Approvals: Process Plan: *mf*

Date: 09-11-24

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D4011

B

100



0.00

Purchasing

Memo

0.00

Purchasing

Issue P/O: *10842*

Manufacture as per Dwg D4011

Supplier: G.F.I.

Material release note is required

*Bl 09-11-25* *(40)*

110



Receive & Inspect for Damage & Mat'l Corts

0.00

Packaging

Memo

0.00

Packaging

*Leah 12/3* *(80)*

120



QC6- Inspect dimensions to drawing

0.00

QC

Memo

0.00

Quality Control

*86*  
*QSP017*

*10/12/29*

*Scrap*  
*Eng 11.06.02*

**Work Order ID 53980**

November 24, 2009 2:44:31 PM



Page 2

Item ID: D4011-5

Accept

Revision ID:

Item Name: Clamp, Short

Setup Start

Stop

Start Date: 11/25/2009 Start Qty: 80.00

Required Date: 12/21/2009 Req'd Qty: 80.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run HoursDraw  
NumberDraw  
Rev.Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: 409

0.00



Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

*10/01/04 (F)*

*10/01/06*

*10-1-04*

# Picklist Print

November 24, 2009 2:44:30 PM

Page 1

Work Order ID: 53980

Parent Item: D4011-5

Parent Item Name: Clamp, Short



Comments: IPP RevA:(new issue) revC as per dwg 09.11.18 DD verified by:JLM

Start Date: 11/25/2009

Required Date: 12/21/2009

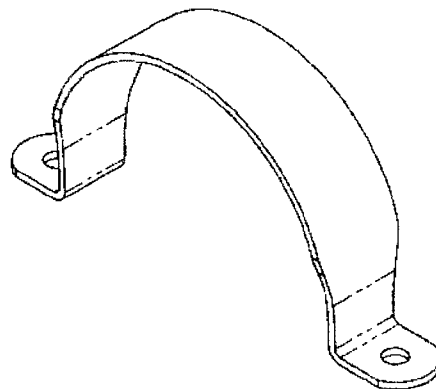
Start Qty: 80.00

Required Qty: 80.00

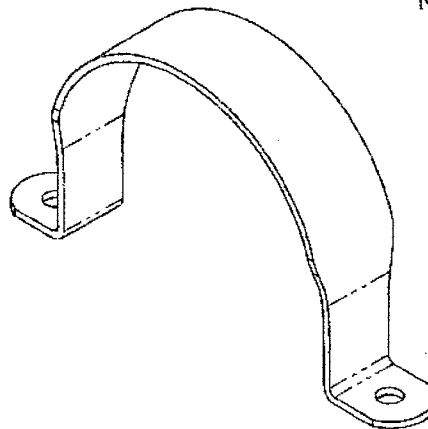
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D4011-5P  Clamp, Short		Purchased	No			110	Each	0.0000	80.0000 			

*Per/p/23 EY*

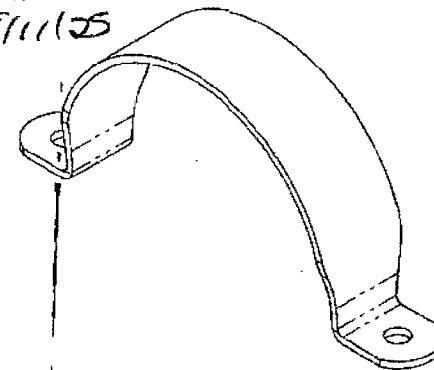
UNCONTROLLED COPY  
 RETURN TO  
 ENGINEERING  
 SUBJECT TO AMENDMENT  
 WITHOUT NOTICE  
 WORK ORDER  
 NO. 53780  
620911125



D4011-1 CLAMP, SHORT



D4011-3 CLAMP, LONG



D4011-5 CLAMP, SHORT (OEM)

**RELEASED**  
 2009-11-26  
*MP*

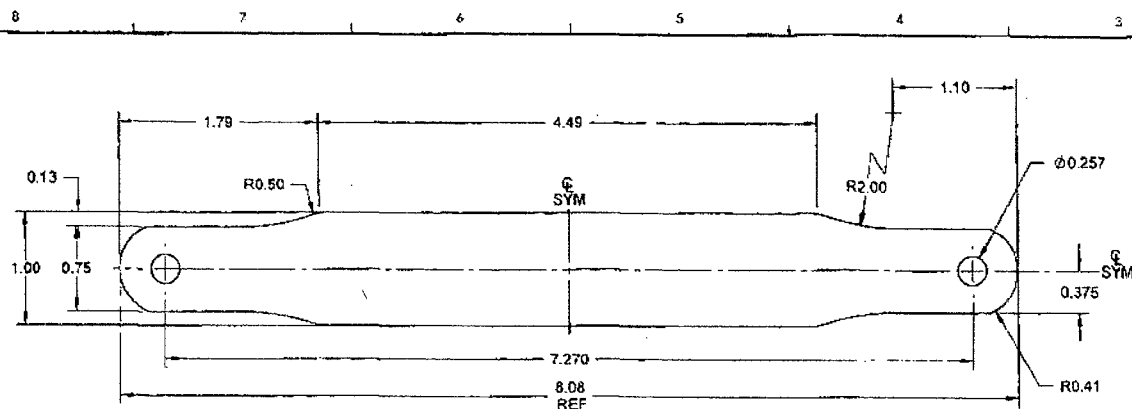
**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH, 14 GAUGE (0.076 THICK)  
 PER AMS 5513 (304) OR 5524 (316) OR ASTM A240 OR ASME SA240  
 REF. DART SPEC. M304S14GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4011-X" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.02 lbs EACH

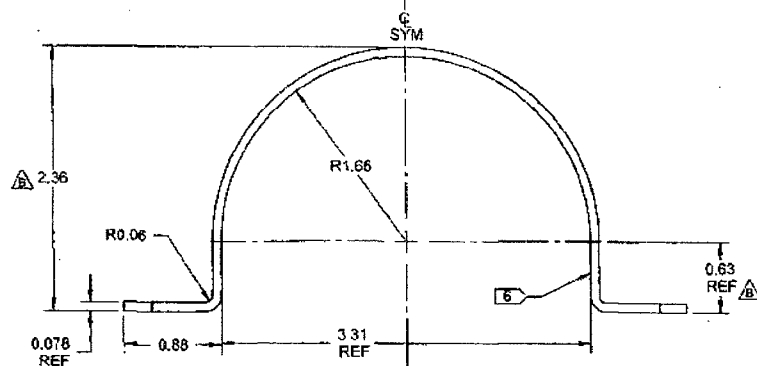
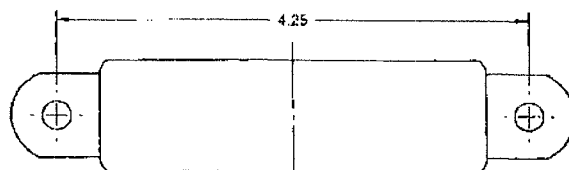
8	SHORTEN HEIGHT OF -1/3 CLAMPS BY 0.125; ADDED .5 REASON: PROVIDE MORE CLEARANCE UPON INSTALLATION ON OEM SKIDTUBES	MB	09.11.11
A	NEW ISSUE	MB	09.10.21
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN	<i>AS</i>		
CHECKED	<i>AS</i>		
MFG. APPR.	<i>AS</i>		
APPROVED	<i>MP</i>		
DE APPR.	<i>MP</i>		
DATE	09.11.11		

<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. <b>D4011</b>	REV. B
TITLE <b>CLAMP</b>	SHEET 1 OF 4
SCALE NTS	

COPYRIGHT © 2005 BY DART AEROSPACE LTD  
 THIS DOCUMENT IS UNCLASSIFIED AND IS NOT TO BE RELEASED OR DISCLOSED TO THE PUBLIC OR TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD



**D4011-1F CLAMP, SHORT FLAT PATTERN**

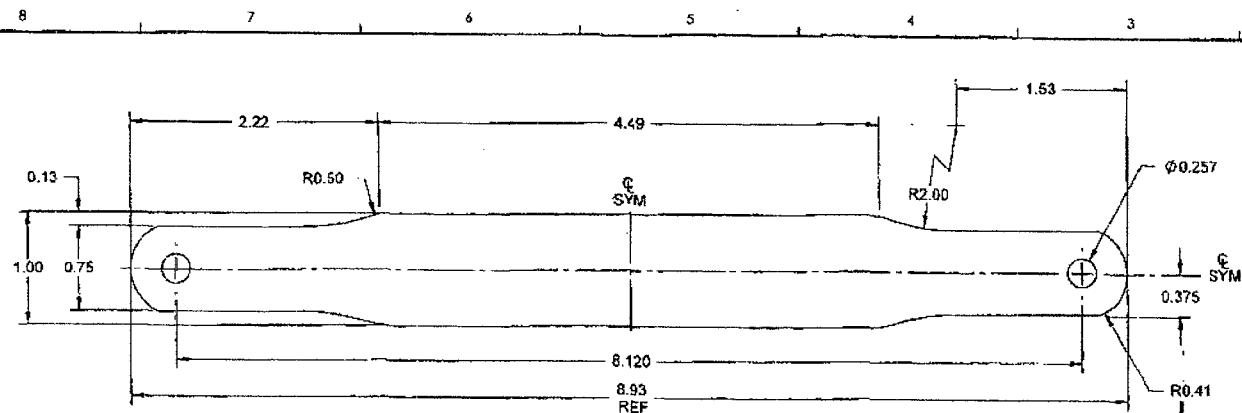


**D4011-1 CLAMP, SHORT**  
(MAKE FROM D4011-1F)

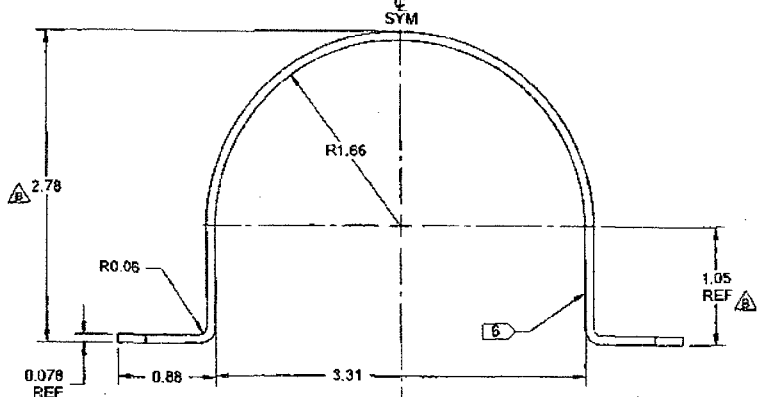
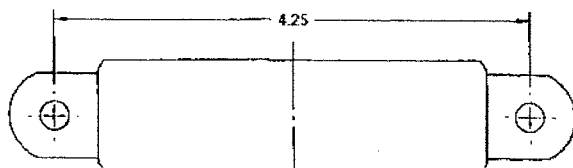
SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 53980

**RELEASED**  
2009-11-24  
*mp*

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY, ONTARIO, CANADA	
CHECKED	ALS	DRAWING NO.	REV. B
MFG. APPR.		D4011	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		CLAMP	NTS
DATE	09.11.11	COPYRIGHT © 2006 BY DART AEROSPACE LTD	
<small>THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE PURPOSES OF WHICH IT WAS ISSUED. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.</small>			



**D4011-3F CLAMP FLAT PATTERN, LONG**

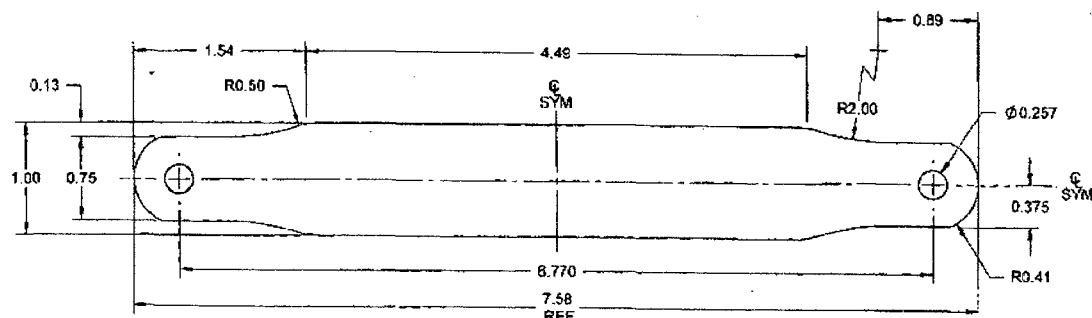


**D4011-3 CLAMP, LONG**  
(MAKE FROM D4011-3F)

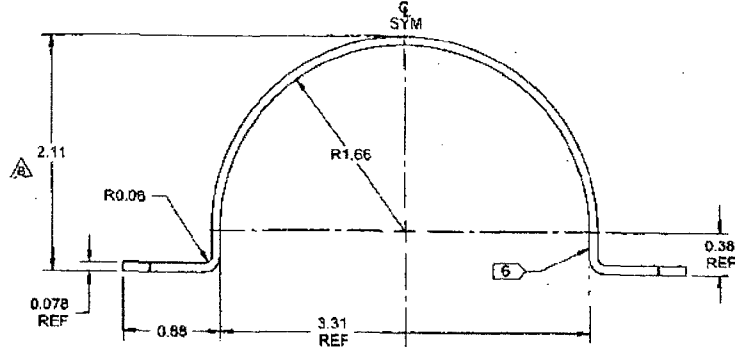
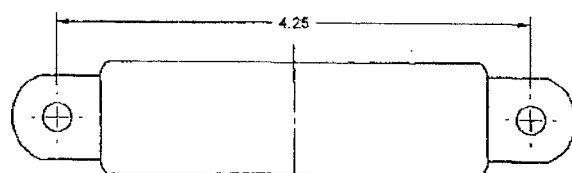
SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 53780

**RELEASED**  
2009-11-24  
*MP*

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN		HAWKESBURY ONTARIO, CANADA	
CHECKED	<i>ALS</i>	DRAWING NO. <b>D4011</b>	REV. B
MFG. APPR.	<i>AS</i>		SHEET 3 OF 4
APPROVED	<i>AS</i>	TITLE <b>CLAMP</b>	SCALE
DE APPR.	<i>AS</i>		NTS
DATE	09.11.11	<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. UNLESS OTHERWISE STATED, THE CONTENTS HEREIN ARE THE PROPERTY OF DART AEROSPACE LTD. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.</small>	



**D4011-5F CLAMP, SHORT (OEM) FLAT PATTERN**



**D4011-5 CLAMP, SHORT (OEM)**  
(MAKE FROM D4011-SF)

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 53780

**RELEASED**  
2009-11-26  
*MP*

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN	<i>LS</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>LS</i>	DRAWING NO. <b>D4011</b>	REV. B
MFG. APPR.	<i>LS</i>	TITLE <b>CLAMP</b>	SHEET 4 OF 4
APPROVED	<i>LS</i>	SCALE	NTS
DE APPR.	<i>LS</i>	COPYRIGHT © 2008 BY DART AEROSPACE LTD	
DATE	09.11.11	NOT TO BE USED FOR REPRODUCTION OR DISTRIBUTION WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD	



180 AVENUE LABROSSE  
POINTE-CLAIRE, QUÉ., CANADA H9R 1A1  
TÉL.: (514) 630-4877 - FAX: (514) 630-4849



# BON DE LIVRAISON - SHIPPING MEMO

DATE DE LIVRAISON SHIPPING DATE	N° BON DE LIVRAISON SHIPPING MEMO NO.
2009/12/21	0430034

GFI est une division de Thomas & Betts Fabrication Inc. / GFI is a division of Thomas & Betts Manufacturing Inc.

1 N°11 À / SOLD TO

EXPÉDIÉ À / SHIPPED TO

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON, K6A 1K7

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON, K6A 1K7

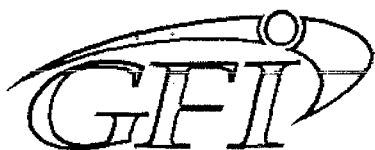
CODE DE CLIENT CUSTOMER CODE	N° DE CONTRAT JOB NO.	N° COMMANDE P.O. NO.	VIA SHIP VIA
DART GFI-0299	J0207666	P010842	
QUANTITÉ QUANTITY	VOTRE N° DE PIÈCE YOUR PART NO.	DESCRIPTION	
80	D4011-5P	CLAMP	
		CERTIFICATE OF CONFORMANCE REQ	
	MFG. JOB # <u>J0207666-01</u> QTY <u>80</u>		

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION  
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

RECU PAR / RECEIVED BY



# CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas & Betts**

180 LABROSSE AVENUE  
POINTE CLAIRE, QC  
H9R 1A1

**DART AEROSPACE LTD**  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7

CERTIFICATE NO. <u>1</u>		OUR JOB NO. <u>J0207666</u>		SHIPPING MEMO <u>0430034</u>	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME
<u>80 PCS</u>	<u>PO10842</u>	<u>D4011-5P</u>	<u>B</u>	<u>CLAMP</u>	<u>B</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.	
<u>AMS 5513 304 ANN</u>		<u>TW METALS / ALLEGHENY LUDLUM</u>		<u>827277</u>	

	PROCESS	PROCESSOR	RELEASE NOTE #
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>	<u>GFI</u>	<u>CONFORMS</u>
2	<u>REF. GFI MANUFACTURING JOB NUMBER J0207666-01 (80 PCS)</u>		
3			
4			
5			
6			
7			
8			
9			

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 21 DECEMBER 2009

G.F.I. Q.C. REP. [Signature]



DP12-001 REV 0 Bombardier Certificate of Compliance  
TW Metals District Procedure

Revision: 0

Revision Date: 04-03-00

Superseding: Initial

Page: 1 of 1

## CERTIFICATE OF COMPLIANCE

## FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious, or fraudulent statements or entries on this document may be punished as a felony under federal statutes including federal law, Title 18 chapter 47.

## CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

## MERCURY FREE STATEMENT

We certify that mercury, radium or alpha bearing instruments and / or equipment which might cause contamination have not been used in the manufacture, fabrication, assembly or testing of any material supplied by TW Metals Inc. Switches, glass thermometers, standard cell and other items containing the above elements may be used, but they will be located so as not to constitute a contamination hazard.

CUSTOMER NAME: GFIPURCHASE ORDER No. 0075171ITEM No. 0001SHIPPER INVOICE No. 12085009MATERIAL: 304 ANNSPECIFICATION: AMS-5513MANUFACTURING MILL: ATI Allegheny LudlumSIZE: 080HEAT / LOT No. 827277PART No. TS080481204AQUANTITY: 132 lbs.TEST DEPARTMENT CLERK Amy Davis

AUTHORITY

Joe Schab  
Director of Quality Assurance

This document is maintained as a Controlled Document only in the TW Metals computer system. Once printed, this document immediately becomes Uncontrolled and is subject to change at any time and without notice.

Description: 30-44 N415, 1177-666 N71, 1222  
 Country: USA  
 Elevation: 6224/6209  
 Date: 02/27/77

प्राप्त

AL 0185-9 403

Don E. Xanthopoulos  
General, Carcass Quality Assurance

UNITED PERFORMANCE METALS  
This is to certify that in accordance with the material in  
our files the material shipped on your purchase order  
conforms to the following:  
3475 Symmes Road Hamilton, OH 45015

Size: 48 x 120  
P.O.: 01201261  
Print: SP580  
Sales: 01214187  
Quantity: 1

Description: 304L, ANN 077, 304L A11 360  
Customer: CPT, Incorporated  
Ship to: 022642003  
Note: 027277

# NOTICE OF SHIPMENT/ PACKING LIST



## CERTIFICATE OF TEST

AL61683409

ORDER NO. & DATE	CUST. CODE	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
01013080	08/08/08 110977	NEW CASTLE, IN. 400569	13020102060000	30-088-108	09/22/08
ORDER DISTRIBUTION	NEW CASTLE, IN.	GOVT CONTRACT	MATL.	SHIPPING LOCATION	INVOICE
SOLD TO	PRIME SEC.	DSO DSO	1124 NEW CASTLE	IN	070843
3475 SYMMES ROAD	584	UNITED PERFORMANCE METALS	SHIP TO		
HAMILTON OH 45015		3475 SYMMES ROAD			
		HAMILTON OH 45015			

### GRADE AND SPECIFICATIONS

ALLEGHENY STAINLESS STEEL TYPE 304-L SHEET C R COILS ANNEALED 2B FIN 3 EDGE (FMI 304L/304/302 ISSUE 7) (AMS 2248E) (AMS 5511H) (AMS 5513H) (AMS 5516P) (ASTM-A-262-02A PRA E/SCREEN PRA A) (ASTM-A-566-03) (S-400 DTD 10/31/07) (ASTM-A-240-08) (S-1000 DATED 1/2/08) (ASME-SA-240-07) (05/14/08 EXCEPT FMI 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (F-14, F-17, P-22, F-23, F-MASTER) (PWA 300 RBV BH) (CONTROLLED TO PWA LCB REQUIREMENTS)

CARRIER - CLAY TRANSPORT, INC.

AUSTENITIC STAINLESS STEELS ARE SOLUTION ANNEALED AT 1900 DEGREES FAHRENHEIT MINIMUM (1038 C) AND RAPIDLY COOLED TO DEVELOP THE SPECIFIED PROPERTIES. EVIDENCE OF CONFORMANCE IS PROVIDED BY THE ABILITY OF THE MATERIAL TO MEET THESE SPECIFIED MECHANICAL AND CORROSION REQUIREMENTS

ALLEGHENY LUDLUM DOES NOT USE MERCURY IN THE TESTING OR PRODUCTION OF ITS PRODUCTS. TO THE BEST OF ALLEGHENY LUDLUMS KNOWLEDGE, UNDERSTANDING, AND BELIEF, THIS MATERIAL WAS NOT CONTAMINATED BY MERCURY WHILE IT WAS BEING PRODUCED IN OUR FACILITIES.

NO WELDS/WELD REPAIRS PERFORMED.

THE NUMERIC CODES SHOWN UNDER MELT SOURCE CAN BE INTERPRETED AS FOLLOWS:

1. - MATERIAL MELTED AND ROLLED IN THE UNITED STATES AND COMPLIES WITH DEARS EDITION 1998, SECTION 252.225-7014
2. - FOREIGN MELT AND ROLLED IN THE UNITED STATES

PAGE 02 - CONTINUED ON PAGE 03

09/22/08 09:51:53

WARNING: Please Note: This material is not to be used in the case of a fire, being correctly loaded, at which time the responsibility for loss or damage in shipment remains. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent or by the carrier's agent.

Material Safety Data Sheet for this product have been applied to your Purchasing Department. For an additional copy phone 724-228-4377. CAUTION: Processing this material under heat or with a torch may cause lung disease. See Material Safety Data Sheet for further information.

#### WARNING

Attention: Veuillez lire attentivement les informations relatives à la sécurité de ce produit. Pour obtenir des exemplaires supplémentaires, veuillez téléphoner au numéro suivant 724-228-4377. Attention: Les traitements effectués à chaud ou avec une torche peuvent entraîner la production de vapeurs, possiblement nocives. Veuillez lire attentivement les informations relatives à la sécurité.

This sheet is a true copy of data on file. The customer and mill should confirm in the order opening and applications to be sent forth in Allegheny Ludlum's Letter Agreement.

See M. Xxxxxx  
Director, Corporate Quality Assurance

## UNITED PERFORMANCE METALS

This is to certify that in accordance with the HAZOP in our files the material shipped on your purchase order conforms to the following:

3475 Symmes Road Hamilton, OH 45015

2000 43 X 110  
P.O. 01201281  
PAPER 97350  
Sales R 01/24/07  
Quantity: 1

Consignment: 304L ANV 077-083 AT, USC  
Customer: GFL Incorporated  
Shipyard: 0204/2009  
4885 827277

NOTICE OF SHIPMENT/  
PACKING LIST

## CERTIFICATE OF TEST

AL 5189-3407

CUST. ORD. NO. & DATE	CUST. CODE	ACCEPTING MFG.	DISPATCH NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
01013080	08/08/08 110977	NEW CASTLE, IN.	400569	13020102060000	30-088-108	09/22/08
FORMS DISTRIBUTION		REPEAT ORDER	DO DATE	SHIP TO	SHIPPING LOCATION	REVISED
SOLD 1	82037-9	PRIME SEC.	26	1124 NEW CASTLE	IN	070843
SOLD TO		DSO DSO	SHIP TO			
UNITED PERFORMANCE METALS		UNITED PERFORMANCE METALS				
2475 SYMMES ROAD		3475 SYMMES ROAD				
HAMILTON OH 45015		HAMILTON OH 45015				

## GRADE AND SPECIFICATIONS

CARRIER - CLAY TRANSPORT, INC.  
ALLEGHENY STAINLESS STEEL TYPE 304-L SHEET C R COILS ANNEALED 2B FIN 3 EDGE (FMI 304L/304/302 ISSUE 7) (AMS 2248E) (AMS 5511H) (AMS 5513H) (AMS 5516P) (ASTM-A-262-02A PRA E/SCREEN PRA A) (ASTM-A-666-03) (S-400 DTD 10/31/07) (ASTM-A-240-08) (S-1000 DATED 1/2/08) (ASME-SA-240-07) (05/14/08 EXCEPT FMI 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (F-14, F-17, F-22, F-23, F-MASTER) (PWA 300 REV BH) (CONTROLLED TO PWA LCS REQUIREMENTS)

ALLEGHENY LUDLUM PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES:

C,S BY COMBUSTION/INFRARED  
N,O,H BY INERT FUSION/THERMAL CONDUCTIVITY  
MN,P,SI,CR,Ni,MO,CU,CB,CO,V BY WDXRF  
B BY OBS  
AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OBS  
PB,BI,AG BY GFAA

MATERIAL MELTED AND ROLLED IN THE UNITED STATES AND COMPLIES WITH DFARS EDITION 1998, SECTION 252.225-7014

FOR ACCESS TO ONLINE CERTIFICATES OF TEST  
REGISTER AT WWW.ALCEXTRA.COM

ISSUED BY ALLEGHENY LUDLUM - 9/23/2008 08:37  
CAROLE DEFILIPPI / QUALITY ASSURANCE DEPT.

## PAGE 04 - FINAL PAGE

DISCLAIMER: Please Note: This certificate is issued only in order to the client. It is not intended to be used as a warranty or as a basis for liability. It is not intended to be used as a basis for liability. It is not intended to be used as a basis for liability.

Allegany Safety Data Sheet for this product have been supplied to your Purchasing Department. For an additional copy please call 724-225-6577. CAUTION: Following this release, the use of this product may cause lung disease. See Material Safety Data Sheet for further information.

Les fiches d'information relatives de ce produit ont été fournies à votre département d'achat des matières. Pour obtenir une copie supplémentaire, veuillez téléphoner au numéro 724-225-6577. Attention: Les matériaux entrant la production de vapeurs, d'aérosols, ou d'autres peuvent être classés de matériaux dangereux. Pour plus de renseignements se référer aux fiches d'information relatives.

This document is a true copy of data on file. The material and test results shown in this document are not intended to be used as a warranty or as a basis for liability. It is not intended to be used as a basis for liability.

Don M. Kersch  
Director, Corporate Quality Assurance

## UNITED PERFORMANCE METALS

This is to certify that in accordance with the requirements of the contract, the material was supplied in full compliance with the requirements of the contract.

Suppl. No. 120  
P.O. # 012002051  
Part # 32550  
Serial # 01124197  
Quantity: 1

Description: 304L ANN. D77-PSI AT. 200  
Customer: GFI, Uncompahgre  
Shipped: 02/24/2009  
Heat: 887277

THRO GARRETT

NOTICE OF SHIPMENT/  
PACKING LIST

## CERTIFICATE OF TEST

AL 6166-3 407

DEST. ORG. NO. & DATE	01013080	08/08/08	110977	NEW CASTLE, IN.	400569	13020102060000	130-088-108	09/22/08
QUANTITY DISTRIBUTION								
SOLD TO	UNITED PERFORMANCE METALS		PRIME SEC.		SHIP TO		UNITED PERFORMANCE METALS	
	3475 SYMMES ROAD		DSO DSO		3475 SYMMES ROAD		HAMILTON OH 45015	
	HAMILTON		584		HAMILTON		OH 45015	

## GRADE AND SPECIFICATIONS

CARRIER - CLAY TRANSPORT, INC.

ALLEGHENY STAINLESS STEEL TYPE 304-L SHEET C R COILS ANNEALED 2B FIN 3 EDGE (FMI 304L/304/302 ISSUE 7) (AMS 224BE) (AMS 5511H) (AMS 5513H) (AMS 5516H) (ASTM-A-262-C2A PRA E/SCREEN PRA A) (ASTM-A-666-03) (S-400 DTD 10/31/07) (ASTM-A-240-08) (S-1000 DATED 1/2/08) (ASME-SA-240-07) (05/14/08 EXCEPT FMI 304L/304/302) (UNS S30403) (UNS S30200) (UNS S30400) (P-14, P-17, P-22, P-23, P-MASTER) (PWA 300 REV BH) (CONTROLLED TO PWA LCS REQUIREMENTS)

THIS CERTIFICATE OF TEST SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF THE COMPANY. THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ALC QUALITY MANUAL REVISION 17 DATED 05/12/2008. ALC HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001. DIN EN 10204:2005 - 3.1. ALLEGHENY LUDLUM IS APPROVED AS A MANUFACTURER ACCORDING TO AD-MERK BLATT WO/TRD100 AND THE PRESSURE EQUIPMENT DIRECTIVE PED 97/23/EC. TESTING WAS PERFORMED AT ALC NADCAP AND ISO/IEC 17025 APPROVED LABORATORIES LOCATED AT NATRONA HEIGHTS, BRACKENRIDGE, LATROBE, AND MIDLAND, PA FACILITIES OR A NADCAP AND ISO/IEC 17025 ACCREDITED LABORATORY.

ALC HOLDS SEVERAL QUALITY AND LABORATORY CERTIFICATIONS THAT INCLUDE ISO-9001:2000, AS9100, AD 2000-MERKBLATT WO, AND EU PRESSURE EQUIPMENT DIRECTIVE 97/23/EC. NADCAP MATERIALS TESTING, ISO/IEC 17025, GEAR 5400. REFER TO WWW.ALLEGHENYLUDLUM.COM TO ACCESS THE CURRENT ALC QUALITY CERTIFICATIONS.

ALLEGHENY LUDLUM WORKS TO THE ROLLS ROYCE RR9000: SABRE REQUIREMENTS.

MATERIAL TESTED AT ALLEGHENY LUDLUM GEAR 5400 (DATED 10/31/07) APPROVED FACILITIES:  
NATRONA HEIGHTS TECHNICAL CENTER AND BRACKENRIDGE, PA.

PAGE 03 - CONTINUED ON PAGE 04

09/22/08 09:51:53

CONGRATULATIONS! Please take this certificate with you to the carrier for this product, being properly labeled, it will free our responsibility for loss or damage to the product. For your protection please examine shipment as it arrives. A copy of this certificate is also being sent to the carrier. If a description made by the transportation agent is not correct, please advise us.

Market Safety Data Sheet for this product have been prepared by the manufacturer and are available upon request. Please contact the manufacturer for more information. 724-228-6577. CAUTION: Handling this material may cause skin irritation. Please refer to the Material Safety Data Sheet for further information.

Market Safety Data Sheet for this product have been prepared by the manufacturer and are available upon request. Please contact the manufacturer for more information. 724-228-6577. CAUTION: Handling this material may cause skin irritation. Please refer to the Material Safety Data Sheet for further information.

The above is a true copy of data on file. The material and test results conform to the above contract and specifications as set forth in Allegheny Ludlum's Order. Material tested.

See M. Xpanda - *See M. Xpanda*  
Orlando, Corporate Quality Assurance